

L Number	Hits	Search Text	DB	Time stamp
1	1	(analyz\$3 with perform\$6 with process\$4) and (calculation with modules) and sub-modules and (different with process with units)	USPAT; US-PGPUB	2003/08/06 16:40
3	1	((analyz\$3 with perform\$6 with process\$4) and filter\$3 and damp\$3 and averag\$3 and statistical and principle) and (process\$3 with run\$3 with rule)	USPAT; US-PGPUB	2003/08/06 16:43
2	22	(analyz\$3 with perform\$6 with process\$4) and filter\$3 and damp\$3 and averag\$3 and statistical and principle	USPAT; US-PGPUB	2003/08/06 16:51
4	1	((analyz\$3 with perform\$6 with process\$4) and filter\$3 and damp\$3 and averag\$3 and statistical and principle) and (petroleum with process\$3)	USPAT; US-PGPUB	2003/08/06 16:46
5	1	((analyz\$3 with perform\$6 with process\$4) and filter\$3 and damp\$3 and averag\$3 and statistical and principle) and (data with validation)	USPAT; US-PGPUB	2003/08/06 16:46
6	2	(analyz\$3 with perform\$6 with process\$4) and (different with condition) and (optimum with operat\$3 with point)	USPAT; US-PGPUB	2003/08/06 17:03
7	37	(analyz\$3 with perform\$6 with process\$4) and (different with condition) and (optimum with operat\$3)	USPAT; US-PGPUB	2003/08/06 17:45
15	1	((analyz\$3 with perform\$6 with process\$4) and (different with condition) and (optimum with operat\$3)) and (model with execut\$3)	USPAT; US-PGPUB	2003/08/06 19:24
16	1	(analyz\$3 with perform\$6 with process\$4) and (execut\$3 same ((different with condition) or (different with model))) same (optimum with operat\$3))	USPAT; US-PGPUB	2003/08/06 17:55
17	13	(analyz\$3 with perform\$6 with process\$4) and (tun\$3 with model) and (accuracy with model)	USPAT; US-PGPUB	2003/08/06 17:57
18	5	((analyz\$3 with perform\$6 with process\$4) and (tun\$3 with model) and (accuracy with model)) and (histor\$6 with data\$4)	USPAT; US-PGPUB	2003/08/06 17:57
20	1	((performance with petroleum with process\$3) and distillation and blend\$3 and (flash with zone)) and (different with crude) and hydraulic	USPAT; US-PGPUB	2003/08/06 19:24
21	1	((performance with petroleum with process\$3) and distillation and blend\$3 and (flash with zone)) and (different with crude)	USPAT; US-PGPUB	2003/08/06 18:13
22	1	((performance with petroleum with process\$3) and distillation and blend\$3 and (flash with zone)) and hydraulic	USPAT; US-PGPUB	2003/08/06 18:13
19	11	(performance with petroleum with process\$3) and distillation and blend\$3 and (flash with zone)	USPAT; US-PGPUB	2003/08/06 18:53
23	27	(performance with petroleum with process\$3) and equation and (petroleum with process\$3)	USPAT; US-PGPUB	2003/08/06 18:55
24	2	((performance with petroleum with process\$3) and equation and (petroleum with process\$3)) and (equation with data)	USPAT; US-PGPUB	2003/08/06 19:14
25	1	(petroleum with processing with unit) and (reforming with unit) and equations and (catalyst with performance) and (recycle with gas with quantity)	USPAT; US-PGPUB	2003/08/06 19:11
26	24	(702/\$.ccls. or 700/\$.ccls.) and (perform\$4 with process\$3) and (oil with refinery) and (histor\$4 with data\$4)	USPAT; US-PGPUB	2003/08/06 19:17

27	1	((702/\$.ccls. or 700/\$.ccls.) and (perform\$4 with process\$3) and (oil with refinery) and (histo\$4 with data\$4)) and workup	USPAT; US-PGPUB	2003/08/06 19:17
28	0	((702/\$.ccls. or 700/\$.ccls.) and (perform\$4 with process\$3) and (oil with refinery) and (histo\$4 with data\$4)) and (work with perform\$4) and stor\$3	USPAT; US-PGPUB	2003/08/06 19:18
29	0	((702/\$.ccls. or 700/\$.ccls.) and (perform\$4 with process\$3) and (oil with refinery) and (histo\$4 with data\$4)) and (work with perform\$4)	USPAT; US-PGPUB	2003/08/06 19:18
30	11	((702/\$.ccls. or 700/\$.ccls.) and (perform\$4 with process\$3) and (oil with refinery) and (histo\$4 with data\$4)) and (output with measur\$6) and stor\$3	USPAT; US-PGPUB	2003/08/06 19:19
31	4	((702/\$.ccls. or 700/\$.ccls.) and (perform\$4 with process\$3) and (oil with refinery) and (histo\$4 with data\$4)) and (output with measur\$6) and stor\$3) and (stor\$3 with result with process\$3)	USPAT; US-PGPUB	2003/08/06 19:20
32	1	((702/\$.ccls. or 700/\$.ccls.) and (perform\$4 with process\$3) and (oil with refinery) and (histo\$4 with data\$4)) and (output with measur\$6) and stor\$3) and (stor\$3 with result with process\$3)) and (model with execut\$3)	USPAT; US-PGPUB	2003/08/06 19:24
33	1	((702/\$.ccls. or 700/\$.ccls.) and (perform\$4 with process\$3) and (oil with refinery) and (histo\$4 with data\$4)) and (output with measur\$6) and stor\$3) and (stor\$3 with result with process\$3)) and (different with crude) and hydraulic performance with petroleum with process\$3	USPAT; US-PGPUB	2003/08/06 19:25
-	122	((performance with petroleum with process\$3) and monitor\$3 and analyz\$3) and (histo\$4 with data) and (oil with refinery)	USPAT; US-PGPUB	2003/08/04 10:20
-	1	((performance with petroleum with process\$3) and monitor\$3 and analyz\$3) and (histo\$4 with data)	USPAT; US-PGPUB	2003/08/06 18:10
-	1	((performance with petroleum with process\$3) and monitor\$3 and analyz\$3) and (histo\$4 with data\$4)	USPAT; US-PGPUB	2003/08/04 10:24
-	1	((performance with petroleum with process\$3) and monitor\$3 and analyz\$3) and (histo\$4 with data\$4)	USPAT; US-PGPUB	2003/08/04 10:24
-	7	(performance with petroleum with process\$3) and monitor\$3 and analyz\$3	USPAT; US-PGPUB	2003/08/04 12:30
-	1083	(petroleum with process\$3) and monitor\$3 and analyz\$3	USPAT; US-PGPUB	2003/08/04 13:24
-	13	((petroleum with process\$3) and monitor\$3 and analyz\$3) and (histo\$4 with data\$4) and (oil with refinery)	USPAT; US-PGPUB	2003/08/04 13:31
-	1	((petroleum with process\$3) and monitor\$3 and analyz\$3) and (histo\$4 with data\$4) and (oil with refinery)) and workup	USPAT; US-PGPUB	2003/08/04 12:29
-	1	((petroleum with process\$3) and monitor\$3 and analyz\$3) and (histo\$4 with data\$4) and (oil with refinery)) and (work adj up)	USPAT; US-PGPUB	2003/08/04 12:30
-	13	((petroleum with process\$3) and monitor\$3 and analyz\$3) and (histo\$4 with data\$4) and (oil with refinery)) and performance	USPAT; US-PGPUB	2003/08/04 13:31
-	23	((petroleum with process\$3) and monitor\$3 and analyz\$3) and (workup or (work adj up))	USPAT; US-PGPUB	2003/08/06 16:45
-	4	((petroleum with process\$3) and monitor\$3 and analyz\$3) and (workup or (work adj up))) and (histo\$4 with data\$4)	USPAT; US-PGPUB	2003/08/04 13:26

	8	((petroleum with process\$3) and monitor\$3 and analyz\$3) and (workup or (work adj up))) and (oil with refinery)	USPAT; US-PGPUB	2003/08/04 18:29
	13	((((petroleum with process\$3) and monitor\$3 and analyz\$3) and (histor\$4 with data\$4) and (oil with refinery)) and performance) and program\$4	USPAT; US-PGPUB	2003/08/04 18:19
	5	(program\$6 with monitor\$3) and (output with perform\$6 with process\$3) and (oil near2 refinery)	USPAT; US-PGPUB	2003/08/04 18:21
	4	((program\$6 with monitor\$3) and (output with perform\$6 with process\$3) and (oil near2 refinery)) and (histor\$4 with data\$4)	USPAT; US-PGPUB	2003/08/04 18:22
	1	(collect\$3 with histor\$6 with data) and (hydrocarbon with process\$3 with unit) and (correct\$3 with data) and (perform\$6 with (workup or (work adj up)))	USPAT; US-PGPUB	2003/08/05 09:51
	1	(collect\$3 with histor\$6 with data) and (monitor\$3 with toolset) and (correct\$3 with data) and (perform\$6 with (workup or (work adj up)))	USPAT; US-PGPUB	2003/08/04 18:35
	1	(collect\$3 with histor\$6 with data) and (oil with refinery) and (correct\$3 with data) and (perform\$6 with (workup or (work adj up)))	USPAT; US-PGPUB	2003/08/04 18:35
	1	(monitor\$3 with toolset) and (analyz\$3 with performan\$4)	USPAT; US-PGPUB	2003/08/05 09:26
	12	(monitor\$3 with (tool near2 set)) and (analyz\$3 with performan\$4)	USPAT; US-PGPUB	2003/08/05 09:26
	0	((monitor\$3 with (tool near2 set)) and (analyz\$3 with performan\$4)) and (collect\$3 with histor\$6 with data\$4)) and workup	USPAT; US-PGPUB	2003/08/05 09:27
	5	((monitor\$3 with (tool near2 set)) and (analyz\$3 with performan\$4)) and (collect\$3 with histor\$6 with data\$4)) and measur\$6	USPAT; US-PGPUB	2003/08/05 09:50
	0	((((monitor\$3 with (tool near2 set)) and (analyz\$3 with performan\$4)) and (collect\$3 with histor\$6 with data\$4)) and measur\$6) and (perform\$6 with measur\$6)	USPAT; US-PGPUB	2003/08/05 09:28
	5	((monitor\$3 with (tool near2 set)) and (analyz\$3 with performan\$4)) and (collect\$3 with histor\$6 with data\$4)	USPAT; US-PGPUB	2003/08/05 09:31
	5	((monitor\$3 with (tool near2 set)) and (analyz\$3 with performan\$4)) and (collect\$3 with histor\$6 with data\$4)) and program\$4	USPAT; US-PGPUB	2003/08/05 09:36
	0	((((monitor\$3 with (tool near2 set)) and (analyz\$3 with performan\$4)) and (collect\$3 with histor\$6 with data\$4)) and measur\$6) and (oil with refinery)	USPAT; US-PGPUB	2003/08/05 09:36
	0	((monitor\$3 with (tool near2 set)) and (analyz\$3 with performan\$4)) and (collect\$3 with histor\$6 with data\$4)) and (oil with refinery)	USPAT; US-PGPUB	2003/08/05 09:51
	3	(collect\$3 with histor\$6 with data\$4) and (oil with refinery) and (analyz\$3 with performan\$4)	USPAT; US-PGPUB	2003/08/05 09:53
	1	((collect\$3 with histor\$6 with data\$4) and (oil with refinery) and (analyz\$3 with performan\$4)) and (process\$3 with database)	USPAT; US-PGPUB	2003/08/05 09:53
	3	((collect\$3 with histor\$6 with data\$4) and (oil with refinery) and (analyz\$3 with performan\$4)) and (computer or microcomputer or CPU or processor)	USPAT; US-PGPUB	2003/08/05 11:03
	2093	petroleum near3 processing	USPAT; US-PGPUB	2003/08/05 11:03

		8	(petroleum near3 processing) and (analyz\$3 with perform\$6 with process\$4) ((petroleum near3 processing) and (analyz\$3 with perform\$6 with process\$4)) and (histor\$4 with data\$4)	USPAT; US-PGPUB	2003/08/06 14:53
		3	((monitor\$3 with (tool near2 set)) and (analyz\$3 with performan\$4)) and (collect\$3 with histor\$6 with data\$4)) and (output with measur\$6)	USPAT; US-PGPUB	2003/08/05 11:08
		0	((petroleum near3 processing) and (analyz\$3 with perform\$6 with process\$4)) and (histor\$4 with data\$4)) and (output\$3 with measur\$6)	USPAT; US-PGPUB	2003/08/05 11:09
		1	((petroleum near3 processing) and (analyz\$3 with perform\$6 with process\$4)) and (histor\$4 with data\$4)) and (output\$3 same measur\$6)	USPAT; US-PGPUB	2003/08/05 11:09
		3	((petroleum near3 processing) and (analyz\$3 with perform\$6 with process\$4)) and (histor\$4 with data\$4)) and (output\$3 same measur\$6)	USPAT; US-PGPUB	2003/08/06 11:17
		1	((histor\$6 with data\$4) same temperatures same pressures same (flow with rates)) and (catalyst with loading) and (start with date) and (stop with date)	USPAT; US-PGPUB	2003/08/06 11:23
		1	((histor\$6 with data\$4) and temperatures and pressures and (flow with rates) and (catalyst with loading) and (start with date) and (stop with date))	USPAT; US-PGPUB	2003/08/06 11:27
		1	(process\$3 with data) and temperatures and pressures and (flow with rates) and (catalyst with loading) and (start with date) and (stop with date)	USPAT; US-PGPUB	2003/08/06 13:15
		1	(process\$3 with data) and (catalyst with loading) and (start with date) and (stop with date)	USPAT; US-PGPUB	2003/08/06 13:16
		1	(petroleum near3 processing) and (analyz\$3 with perform\$6 with process\$4) and (map\$6 with table)	USPAT; US-PGPUB	2003/08/06 14:54
	291		(analyz\$3 with perform\$6 with process\$4) and (map\$6 with table)	USPAT; US-PGPUB	2003/08/06 15:00
		1	((analyz\$3 with perform\$6 with process\$4) and (map\$6 with table)) and definition and (master with control with information) and identify and collect\$3 and transpos\$3	USPAT; US-PGPUB	2003/08/06 14:57
		1	((analyz\$3 with perform\$6 with process\$4) and (map\$6 with table)) and definition and (master with control with information)	USPAT; US-PGPUB	2003/08/06 14:56
		1	((analyz\$3 with perform\$6 with process\$4) and (map\$6 with table)) and definition and (control with information) and identify and collect\$3 and transpos\$3	USPAT; US-PGPUB	2003/08/06 14:57
		1	((analyz\$3 with perform\$6 with process\$4) and (balance with window) and (start\$3 with time with window) and (end\$3 with time with window))	USPAT; US-PGPUB	2003/08/06 16:37